

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116237.D
 Acq On : 13 Aug 2019 18:33
 Operator : HP/JU
 Sample : K4229-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-A1-A4-(0-1)-COMP

Quant Time: Aug 14 01:09:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	137671	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	535850	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	295163	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	560062	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	468976	20.00	ng	0.00
87) Perylene-d12	15.47	264	416835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	932257	113.36	ng	0.00
7) Phenol-d6	6.47	99	1085838	104.65	ng	-0.01
23) Nitrobenzene-d5	7.40	82	893811	96.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	427627	149.43	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1523615	96.69	ng	-0.01
79) Terphenyl-d14	12.94	244	1931634	86.79	ng	0.00

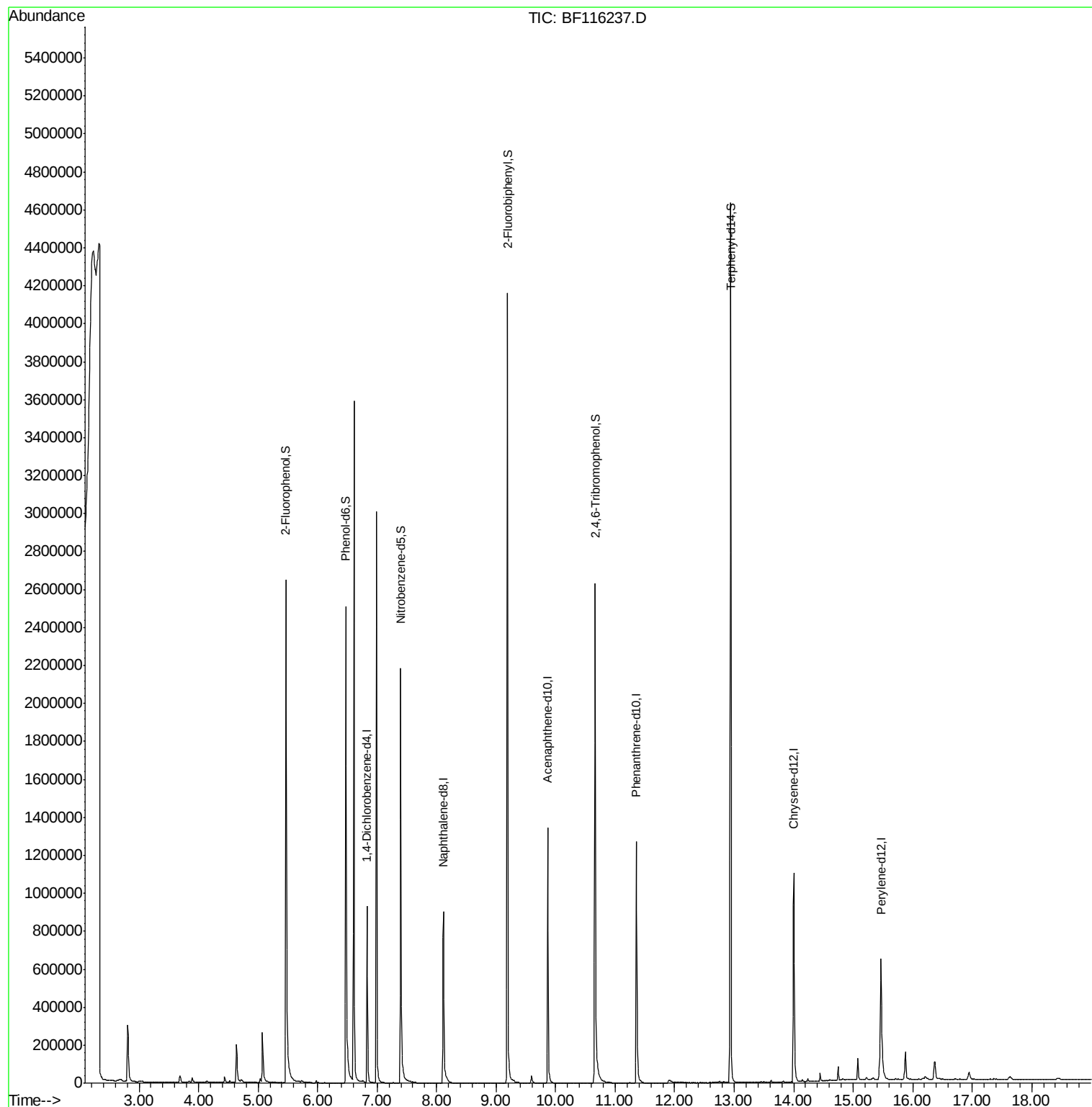
Target Compounds Qvalue

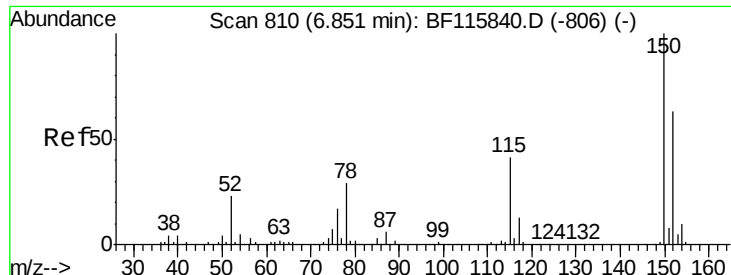
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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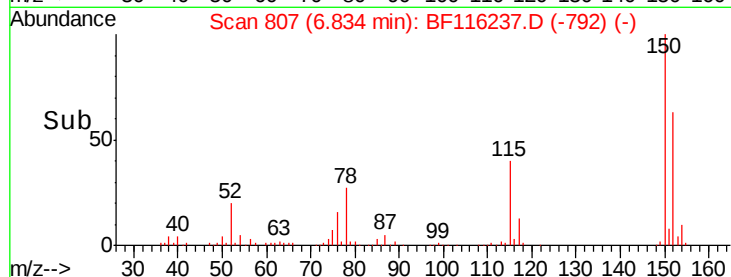
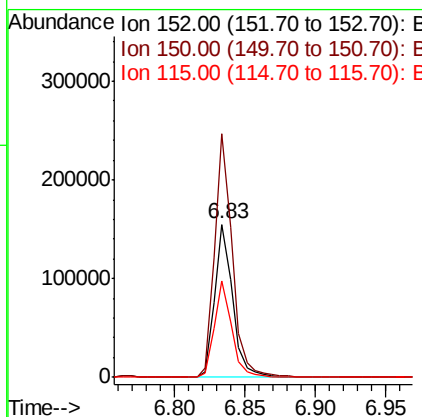
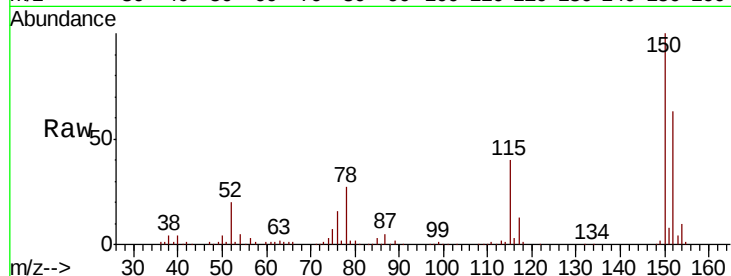


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116237.D
 Acq: 13 Aug 2019 18:33

Instrument :
 BNA_F
 ClientSampleId :
 2S-A1-A4-(0-1)-COMP

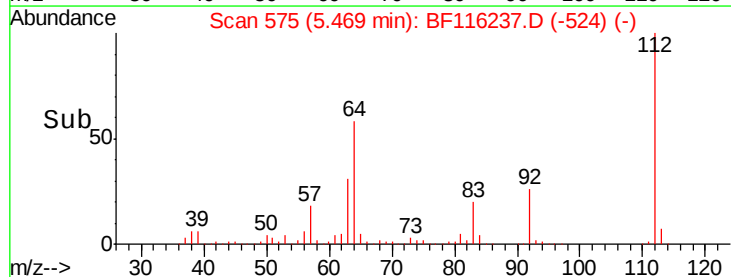
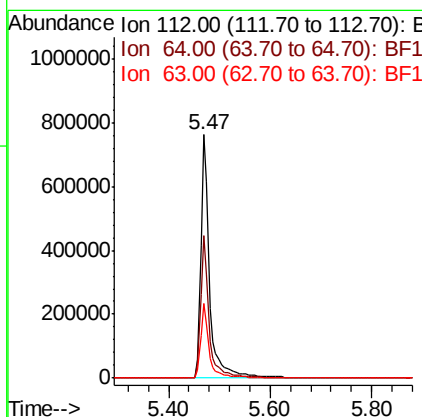
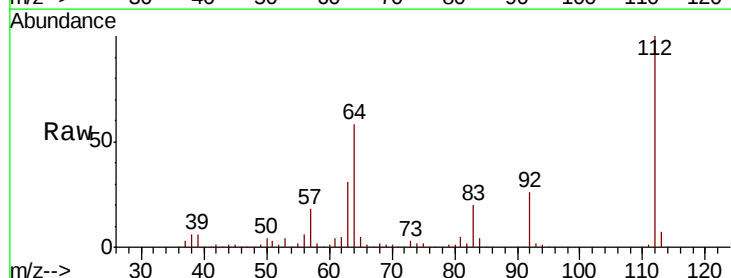
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	63.2	49.9	74.9



#5

2-Fluorophenol
 Concen: 113.361 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116237.D
 Acq: 13 Aug 2019 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.4	68.2
63	30.6	23.7	35.5





#7

Phenol-d6

Concen: 104.652 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116237.D

Acq: 13 Aug 2019 18:33

Instrument :

BNA_F

ClientSampleId :

2S-A1-A4-(0-1)-COMP

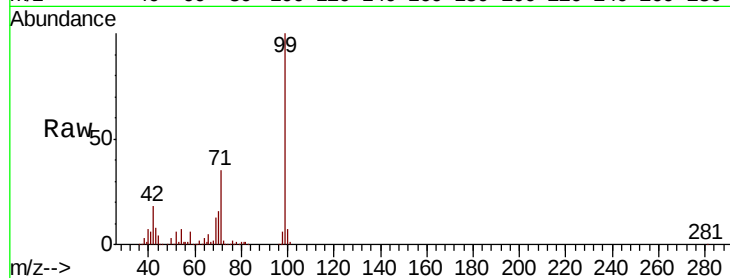
Tot Ion: 99 Resp: 1085838

Ion Ratio Lower Upper

99 100

42 17.7 13.8 20.8

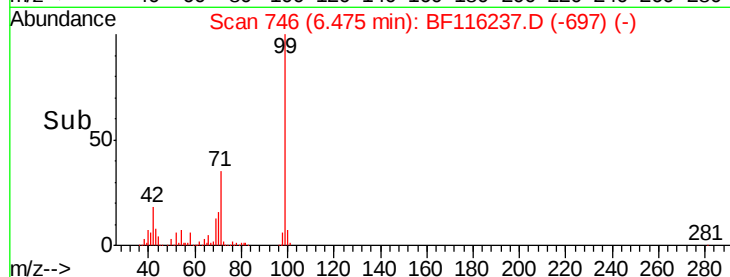
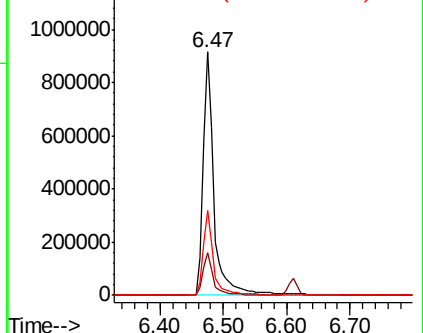
71 34.7 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116237.D

Acq: 13 Aug 2019 18:33

Tgt Ion: 136 Resp: 535850

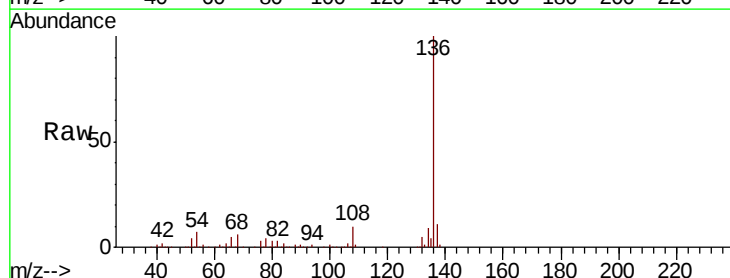
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.6 5.8 8.6

68 6.0 5.2 7.8

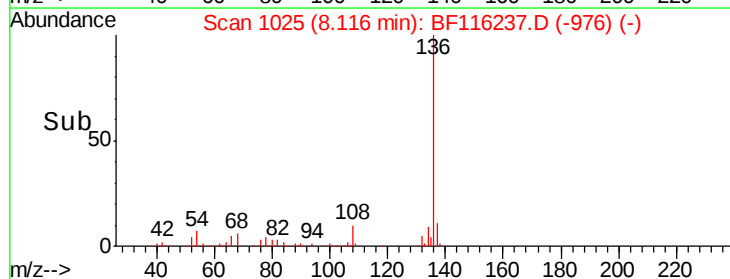
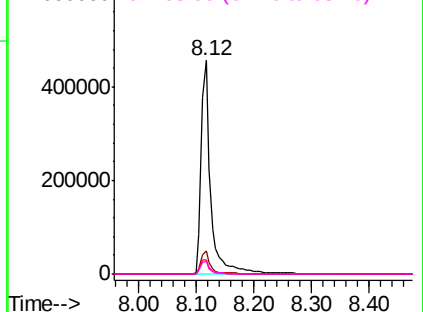


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

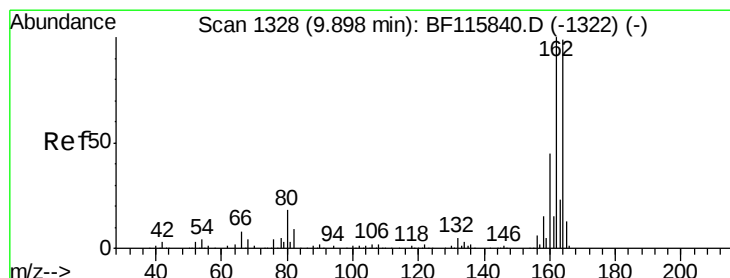
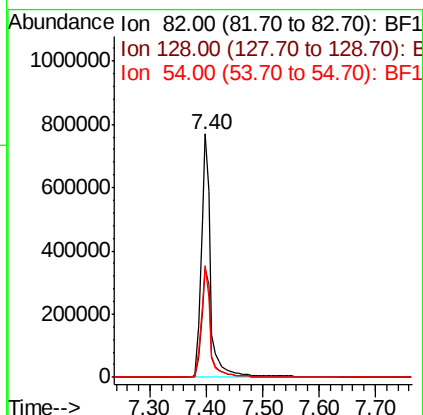
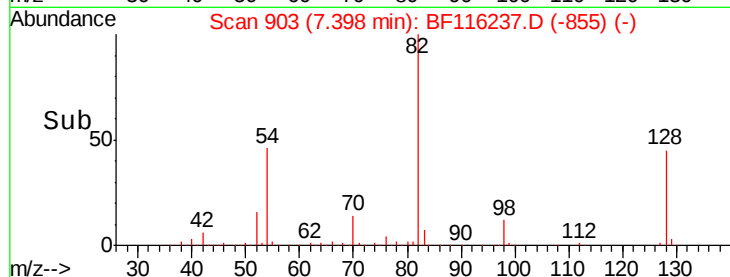
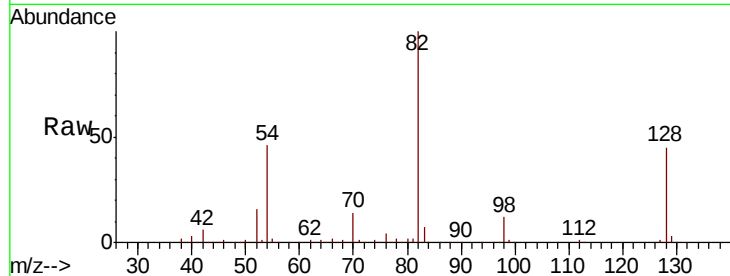




#23
 Nitrobenzene-d5
 Concen: 96.284 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116237.D
 Acq: 13 Aug 2019 18:33

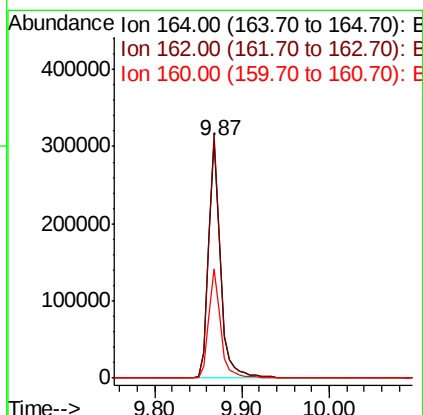
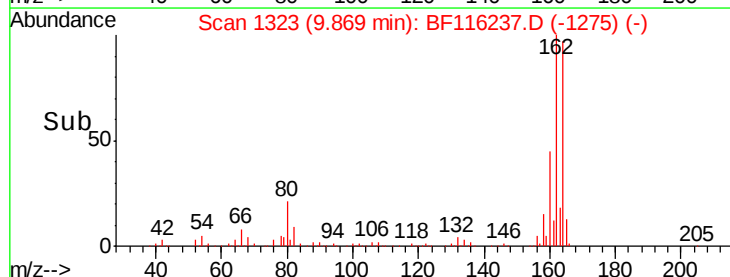
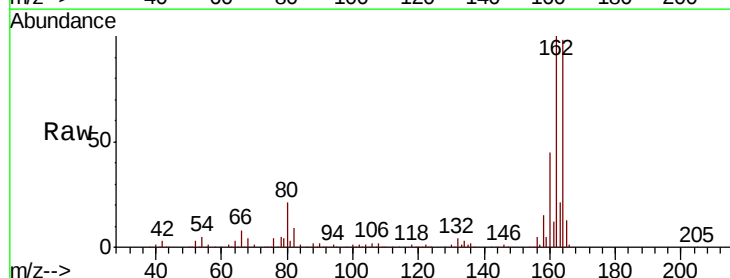
Instrument :
 BNA_F
 ClientSampleId :
 2S-A1-A4-(0-1)-COMP

Tot Ion: 82 Resp: 893811
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.5 54.7
 54 45.7 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116237.D
 Acq: 13 Aug 2019 18:33

Tgt Ion: 164 Resp: 295163
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 124.0
 160 45.9 37.6 56.4

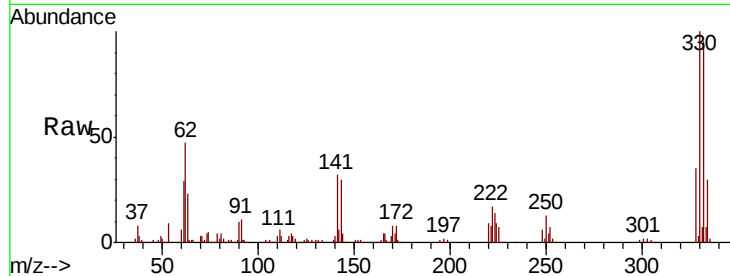




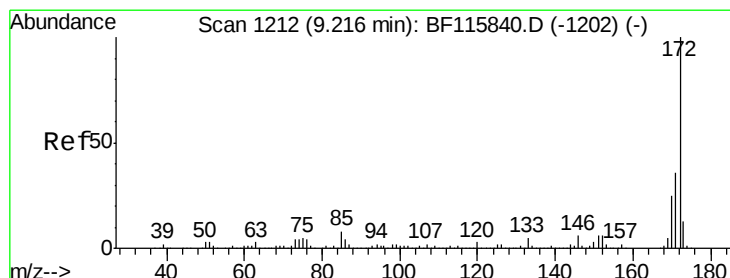
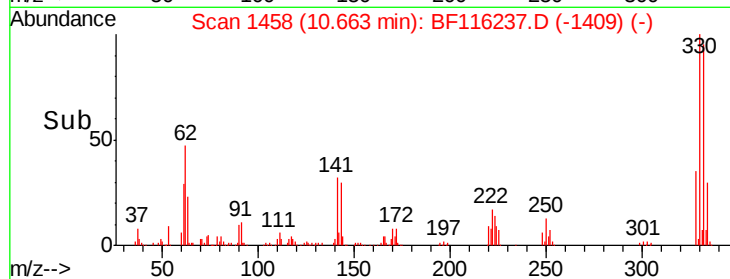
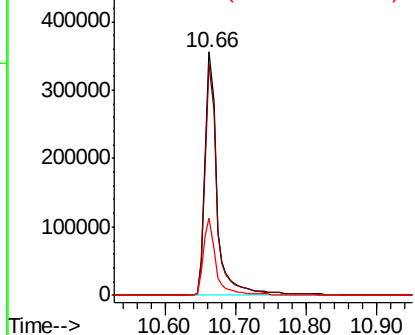
#42
 2,4,6-Tribromophenol
 Concen: 149.432 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116237.D
 Acq: 13 Aug 2019 18:33

Instrument :
 BNA_F
 ClientSampleId :
 2S-A1-A4-(0-1)-COMP

Tot Ion:330 Resp: 427627
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 33.4 26.3 39.5

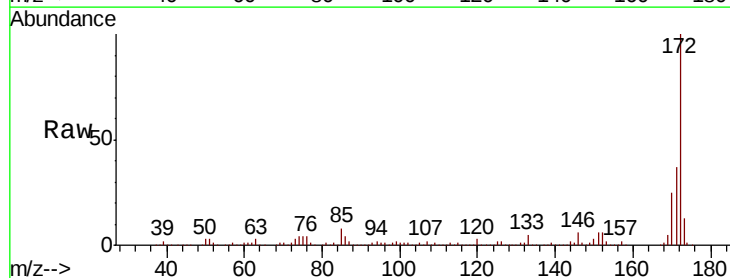


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

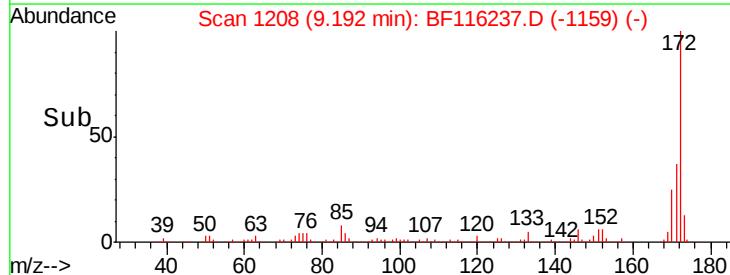
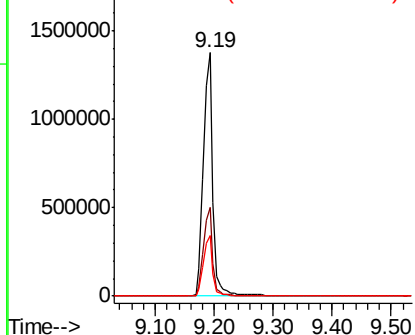


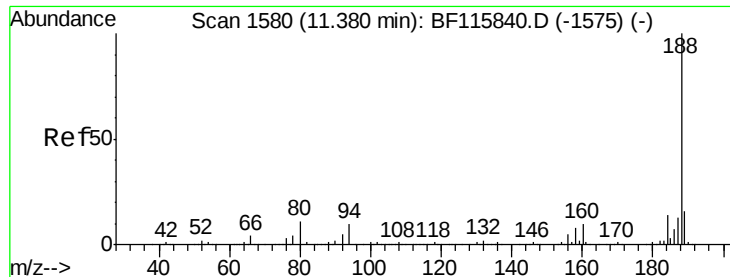
#45
 2-Fluorobiphenyl
 Concen: 96.687 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116237.D
 Acq: 13 Aug 2019 18:33

Tgt Ion:172 Resp: 1523615
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 25.1 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

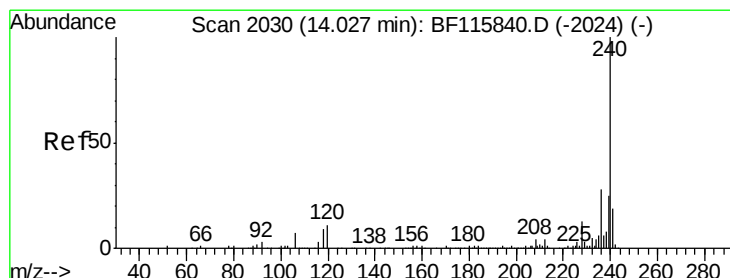
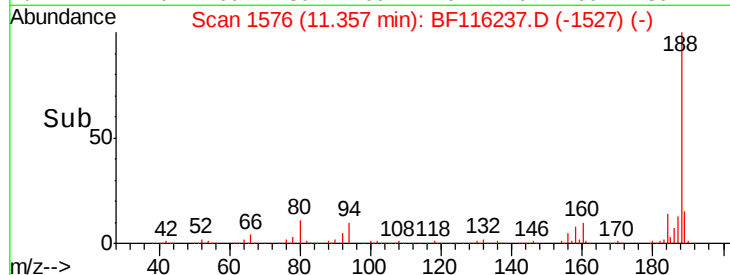
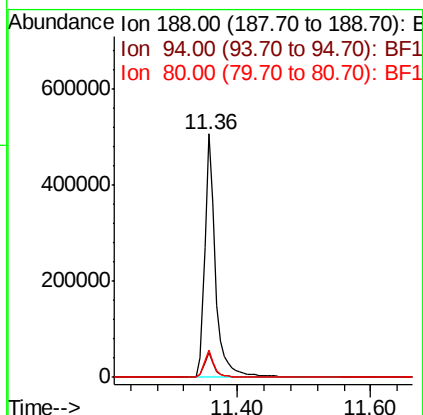
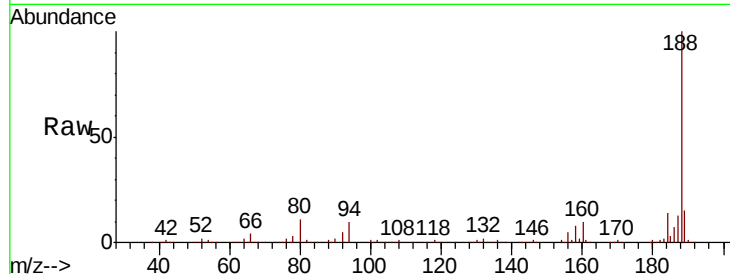




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116237.D
Acq: 13 Aug 2019 18:33

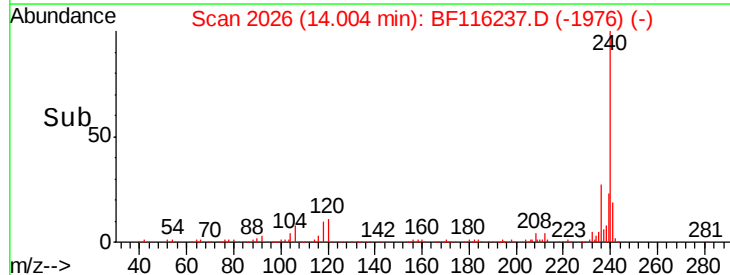
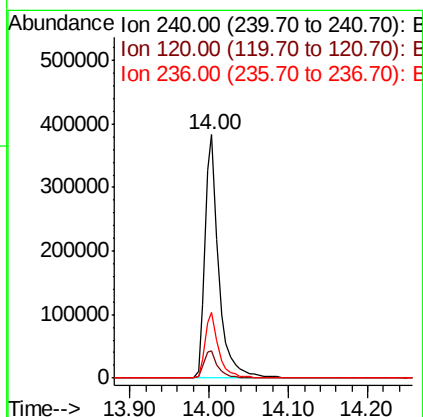
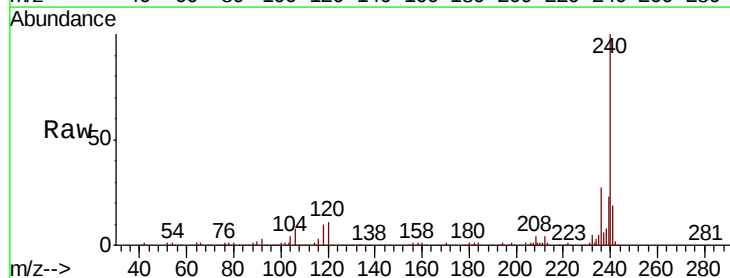
Instrument :
BNA_F
ClientSampleId :
2S-A1-A4-(0-1)-COMP

Tot Ion:188 Resp: 560062
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 11.3 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116237.D
Acq: 13 Aug 2019 18:33

Tgt Ion:240 Resp: 468976
Ion Ratio Lower Upper
240 100
120 11.2 10.7 16.1
236 27.2 22.2 33.2





#79

Terphenyl-d14

Concen: 86.791 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116237.D

Acq: 13 Aug 2019 18:33

Instrument :

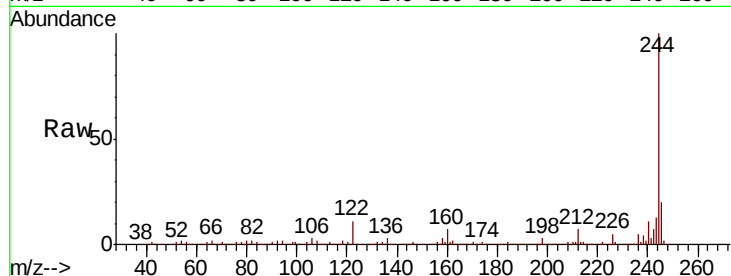
BNA_F

ClientSampleId :

2S-A1-A4-(0-1)-COMP

Tot Ion:244 Resp: 1931634

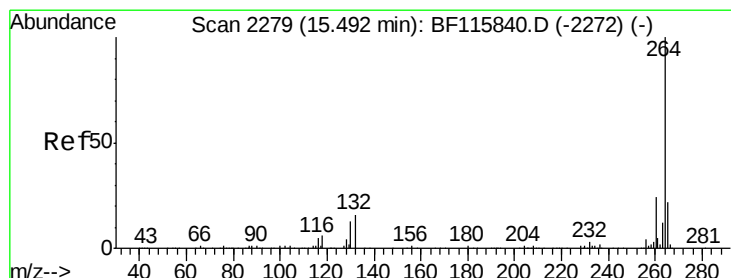
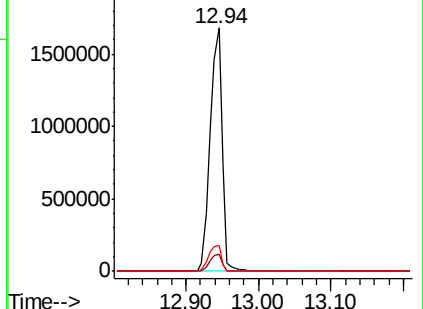
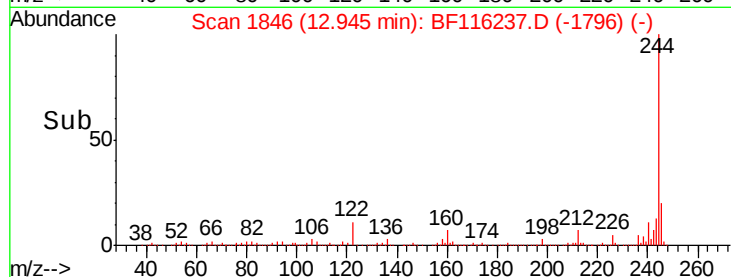
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.6	9.0	13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

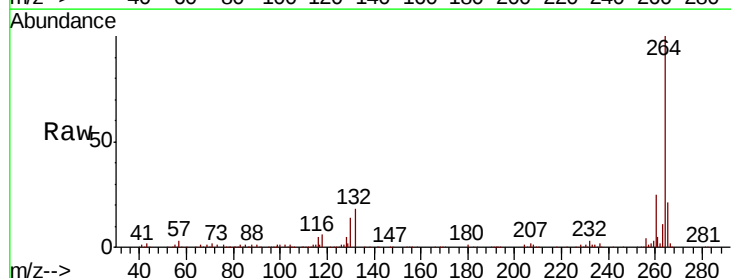
Delta R.T. -0.01 min

Lab File: BF116237.D

Acq: 13 Aug 2019 18:33

Tgt Ion:264 Resp: 416835

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.3	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

